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        (FILE 'USPAT' ENTERED AT 09:19:35 ON 14 SEP 1999)
L1           2 S (5878422 OR 5819258)/PN
L2           1 S (5878422 OR 5819258)/UREF
L3           2 S L1 AND (INDEX? OR INDEX OR INDICE#)
L4           1 S L2 AND (INDEX? OR INDEX OR INDICE#)
L5         301 S (B-TREE OR BTREE INDEX)
L6           0 S L5 AND (HIERARCAL OR HIERARCHIAL (W) FOLDER#)
L7           8 S L5 AND (HIERARCAL OR HIERARCHIAL)
L8           1 S L7 AND (FOLDER# OR CONTAINER#)
L9           1 S (FILE ALLOCATION (W) SYSTEM)
L10       2431 S (ELECTRONIC MAIL OR EMAIL)
L11        319 S L10 AND (FOLDER# OR CONTAINER#)
L12        114 S L11 AND (HIERARCHICAL OR HIERARCHIAL)
L13         52 S L12 AND (DATA (W) STRUCTURE)
L14          5 S L13 AND (LOTUS NOTE#)
L15        417 S L10 AND 707/CLAS
L16         91 S L10 AND 395/CLAS
L17        322 S L10 AND 345/CLAS
L18          0 S L10 AND 707/200/CLAS
L19          0 S L10 AND 707/104/CLAS
L20         13 S L5 AND 707/104/CCLS
L21         86 S L10 AND 707/104/CCLS
L22         24 S L10 AND 707/200/CCLS
L23          6 S L10 AND 345/351/CCLS
L24        117 S L10 AND 709/206/CCLS
L25          4 S L13 AND 709/206/CCLS
L26     207874 S L25 AND INDEX OR INDEX? OR INDICE#
L27          0 S L25 AND (INDEX OR INDEX? OR INDICE#)

=> d 13 1-2
```

1.  **5,878,422**, Mar. 2, 1999, System for virtually converting data in
a field between first and second format by using hook routines; Yehuda
Roth, et al., 707/100; 395/701; 707/1, 6, 101, 102 [IMAGE AVAILABLE]

2.  **5,819,258**, Oct. 6, 1998, Method and apparatus for automatically
generating hierarchical categories from large document collections;
Shivakumar Vaithyanathan, et al., 707/2, 5, 7, 8 [IMAGE AVAILABLE]

```
=> d 18
```

1.  4,945,475, Jul. 31, 1990, Hierarchical file system to provide
cataloging and retrieval of data; Bill M. Bruffey, et al., 707/1;
364/222.81, 222.82, 246, 246.3, 251.6, 252.3, 252.4, 255.1, 255.2, 282.1,
282.3, 283.1, DIG.1; 707/533 [IMAGE AVAILABLE]

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=> d 19
```

1.  5,875,344, Feb. 23, 1999, Using a file enabler with firmware; Shab H.